

PROJECT STATUS REPORT

INSTRUCTIONS

- ITEM 8 Entries will be taken from codes listed on ~~the reverse side of this form~~ page 3.
 ITEM 20 Enter concise project progress information sufficiently complete so that reference to other reports will not be necessary. Changes in program scheduling should be fully explained. If additional space is required, a separate 8 x 10 1/2 sheet will be used. Identify particular report and mark proper security classifications.

1. PROGRAM STRUCTURE 921A	2. PROJECT NR OR SYSTEM TEST OBJ NR	3. TASK, ESP OR TEST NUMBER 62B01
4. AFPTC PROJECT DIRECTIVE NR 62-17	5. AFSC PRIORITY 01	6. REPORTING PERIOD September 1964

7. TITLE AND OBJECTIVE
 EXPERIMENTAL PERSONNEL PARACHUTE (MULTI-STAGE)
 To determine the opening reliability of a multi-stage parachute assembly to be used by parachutists from high altitudes.

8. SCHEDULE	CURRENT FY <u>65</u>												FY <u>66</u>												FY <u>67</u> QTRs				FY <u>68</u> QTRs			
	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	1st	2nd	3rd	4th	1st	2nd	3rd	4th
CURRENT SCHEDULE				U	N		K	N	O		W	N																				
NEW SCHEDULE																																
CHG CODE																																

9. FIRST FLIGHT/TEST	10. LATEST FLIGHT/TEST	11. FINAL FLIGHT/TEST	12. TOTAL FLIGHT HRS REQ	13. ACFT SERIAL NR
14. % PLANNING COMPLETED 10/94	15. % INSTRUMENTATION COMPLETED 5/94	16. % TESTING COMPLETED 70/94	17. % DATA REDUCTION COMPLETED 10/94	18. % REPORT COMPLETED 5/0
19. % TOTAL COMPLETED 100/90				

20. REMARKS
 LIC 9121 WSC 3
 Tests completed: 256 Tests documented: 273
 Aircraft hours flown to date: Documented aircraft hours remaining:

Test.	Photo	Test	Photo
C-130 - 65.1	T-28 - 25.4	C-130 - 16	T-33 - 5
B-66 - 40.0	T-33 - 71.0	B-66 - 0	T-28 - 3
H-21 - 1.0	B-57 - 6.0		H-21 - 23
	F-104- 1.5		
	F-100- 18.0		
	H-21 - 20.0		
	T-38 - 4.0		

 No tests. Testing will be resumed at the request of the AFSC project office.

21. DATE 30 September 1964	22. OFFICE SYMBOL AND TELEPHONE EXT FTNEM/266	23. SIGNATURE OF PROJECT OFFICER David P. Schmarje Lt. David P. Schmarje
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60-215		75A		September 1964																																																																																																																																																																	
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20. REMARKS

LIC 9110 WSC 3

Chaff Tests - Project Engineer: Lt. Christensen - Data from tests made in July have been evaluated. Radar data received from the Mt. Laguna site were inconclusive. No significant damage resulted from deploying the chaff from the pack. No further tests will be made on this project.

Parachute Disconnect Impact Device - Project Engineer: Mr. I. J. Svoboda - No tests.

21. DATE	22. OFFICE SYMBOL AND TELEPHONE EXT	23. SIGNATURE OF PROJECT OFFICER
30 September 1964	FTNE/260	A. V. Stamm 

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INSTRUCTIONS

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1. PROGRAM STRUCTURE		2. PROJECT NR OR SYSTEM TEST OBJ NR		3. TASK, ESP OR TEST NUMBER	
921A				63B14	
4. AFPTC PROJECT DIRECTIVE NR		5. AFSC PRIORITY		6. REPORTING PERIOD	
63-83		01A		September 1964	
7. TITLE AND OBJECTIVE					
D. E. S. TESTS (Purpose is classified)					
8. SCHEDULE					
CURRENT FY 65					
FY 66					
FY 67 QTRS					
FY 68 QTRS					
PREVIOUS SCHEDULE					
NEW SCHEDULE					
CHG CODE J					
UN K N O W N					
9. FIRST FLIGHT/TEST		10. LATEST FLIGHT/TEST		11. FINAL FLIGHT/TEST	
12. TOTAL FLIGHT HRS REQ		13. ACFT SERIAL NR			
14. % PLANNING COMPLETED		15. % INSTRUMENTATION COMPLETED		16. % TESTING COMPLETED	
10/90		10/75		70/75	
17. % DATA REDUCTION COMPLETED		18. % REPORT COMPLETED		19. % TOTAL COMPLETED	
5/75		5/75		100/77	

20. REMARKS

LIC 9341

Tests completed: 9

Tests documented: 12

Aircraft hours flown to date:

Documented aircraft hours remaining:

Test Photo
F-106B - 8 T-38 - 4
F-104 - 22
F-106B - 5

Test Photo
F-106B - 4 F-106B - 6
F-104D - 7
T-38 - 8
T-33 - 9

No tests. Testing will be resumed at the request of the AFSC project office.

21. DATE	22. OFFICE SYMBOL AND TELEPHONE EXT	23. SIGNATURE OF PROJECT OFFICER
30 September 1964	FTNEM/266	David P. Schmaje Lt. David P. Schmaje

AFPTC FORM 29
AUG 62

PREVIOUS EDITIONS OF THIS FORM MAY BE USED.

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1. PROGRAM STRUCTURE 921A	2. PROJECT NR OR SYSTEM TEST OBJ NR 	3. TASK, ESP OR TEST NUMBER 64B05
4. AFFTC PROJECT DIRECTIVE NR 64-41	5. AFSC PRIORITY 75A	6. REPORTING PERIOD September 1964

7. TITLE AND OBJECTIVE
 EVALUATION OF AERIAL PHOTO TECHNIQUES (EXTENDED FREE FALL)

To determine most applicable camera location on helmets and develop a capability for taking motion pictures of parachutist during free fall.

8. SCHEDULE	CURRENT FY 64												FY 65												FY 66 QTRS				FY 67 QTRS				
	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
CURRENT SCHEDULE			6	T	T	T	C																										
NEW SCHEDULE																																	
CHS CODE																																	
9. FIRST FLIGHT/TEST				10. LATEST FLIGHT/TEST				11. FINAL FLIGHT/TEST				12. TOTAL FLIGHT HRS REQ				13. ACFT SERIAL NR																	
14. % PLANNING COMPLETED 10/80				15. % INSTRUMENTATION COMPLETED N/A				16. % TESTING COMPLETED 65/32				17. % DATA REDUCTION COMPLETED N/A				18. % REPORT COMPLETED 25/10				19. % TOTAL COMPLETED 100/30													

20. REMARKS

LIC 9345 WSC 23

Tests completed: 36

Tests documented: 60

Aircraft hours flown to date:

Documented aircraft hours remaining:

Test C-130 - 8

Test C-130 - 22

Six tests were made from the ramp of a C-130 aircraft at 110 KIAS and 12,500-ft. pressure altitude. One test was made with the camera mounted on top of a football helmet worn by the parachutist. Motion pictures of this test were taken at 32 frames per second, and at 64 frames per second during the other test. During all tests, the camera equipped parachutist exited the aircraft first and maintained a stable prone position in the line of flight. Other parachutists (2 during one test and 5 during five tests) then exited the aircraft with the intent of locating the camera equipped parachutist and controlling their fall toward him. During two of the six tests, photographic coverage obtained was not considered good. Camera electrical failure occurred on two tests and a film magazine malfunction occurred during another. Film has not been received for evaluation of one test.

21. DATE 30 September 1964	22. OFFICE SYMBOL AND TELEPHONE EXT FTNOP/290	23. SIGNATURE OF PROJECT OFFICER <i>M. Kanowski</i> CWO M.B. Kanowski
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